

Recombinant Cynomolgus Fibrinogen like 1/FGL1 Protein

Catalog No.: RP02722 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Cynomolgus		G7N0K6-1

Tags

N-hFc

Synonyms

FGL1; FGL-1; Hepassocin; HP-041;
HFREP-1; LFIRE-1; HFREP1; Lag3 ligand

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Calculated MW	Observed MW
55.5 kDa	62-68 kDa

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening.
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Contact

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Background

Fibrinogen-like protein 1 (FGL-1) is a protein that is structurally related to fibrinogen. In humans, FLG-1 is encoded by the FGL1 gene. Fibrinogen-like protein 1 is a member of the fibrinogen family of proteins, which also includes fibrinogen, fibrinogen-like protein 2, and clotting factors V, VIII, and XIII. Fibrinogen-like Protein 1 is a major immune inhibitory ligand of LAG-3.

Basic Information

Description

Recombinant Cynomolgus Fibrinogen like 1/FGL1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu23-Ile312) of Cynomolgus Fibrinogen like 1/FGL1 (Accession #) fused with hFc at the N-terminal.

Bio-Activity

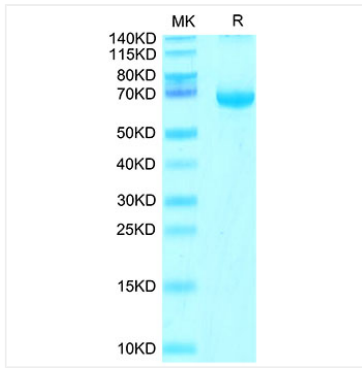
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

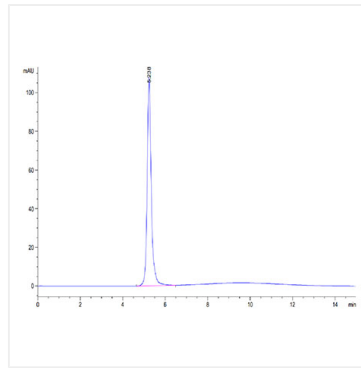
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Cynomolgus FGL1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Cynomolgus FGL1 is greater than 95% as determined by SEC-HPLC.